

## EDITED KSAPC LISTING

### CLASSIFICATION: INSPECTOR OF AUTOMOTIVE EQUIPMENT

**NOTE:** Each position within this classification may perform some or all of these KSAPCs.

<b>KSAPC Statements</b>	
<b>Knowledge of:</b>	
K1.	Comprehensive knowledge of tools, equipment, and methods used in overhaul, repair, and adjustment of equipment using combustion engines, including all auxiliary systems in order to inspect and ensure repair methods are appropriately performed for the safe and cost effective operation of state owned motor vehicles and mobile equipment.
K2.	Comprehensive knowledge of current repair cost of motor vehicles, mobile, and heavy equipment in the most cost effective manner to ensure repair methods are appropriate and cost effective with current industry standards.
K3.	Comprehensive knowledge of resources available to obtain manufacturers' specifications for motor vehicles, mobile, heavy equipment and auxiliary systems in order to determine correct methods of repairs, services, maintenance and modifications.
K4.	Comprehensive knowledge of servicing and maintenance requirements of motor vehicles, mobile, and heavy equipment to ensure that the state fleet is maintained properly to maximize longevity, safety and cost effectiveness.
K5.	Comprehensive knowledge of types and uses of tires for motor vehicles, mobile, and heavy equipment in order to ensure the appropriate application is used in conjunction with specific vehicle type and intended use to maximize longevity, safety and cost effectiveness.
K6.	Basic knowledge of computer operations to input data and access on-line information.

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KSAPC Statements	
<b>Ability to:</b>	
A1.	Communicate effectively in both verbally and writing in English as appropriate for performance of the job.
A2.	Diagnose malfunctions in motor vehicles, mobile, and heavy equipment at a journey level to ensure repair methods are appropriately performed in a safe and cost effective manner.
A3.	Operate motor vehicles, mobile, and heavy equipment for testing to ensure proper operation.
A4.	Analyze cause of motor vehicles, mobile and heavy equipment failures or excessive wear at a journey level to ensure safety and proper repairs.
A5.	Estimate costs of repair for motor vehicles, mobile, and heavy equipment in order to accurately evaluate repair cost.
A6.	Read, interpret, and work from plans, drawings and specifications at a journey level in order to evaluate modifications to motor vehicles, mobile, and heavy equipment to ensure safe and proper operation.
A7.	Analyze cost of repairing as opposed to replacing motor vehicles, mobile, and heavy equipment to determine cost effectiveness.
A8.	Establish and maintain cooperative working relationship with peers, supervisors, and vendors in order to successfully accomplish work related goals and objectives.
A9.	Instruct drivers and operators in the safe and efficient use of motor vehicle, mobile, and heavy equipment in order to prevent injury and damage to state property.
A10.	Write comprehensive reports regarding fleet related issues to communicate with staff.
A11.	Analyze situations accurately and take effective action to resolve situations successfully.
A12.	Provide good customer service to state agencies and/or private sector vendors in order to successfully accomplish work related goals and objectives.
A13.	Initiate or recommend changes that promote innovative solutions to meet customer needs.
A14.	Use and operate vehicles in order to conduct State business.